

Saeed Saeedi

Associate Professor in Electronics

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➤ **Education**

- Ph.D. in Electrical Engineering– Electronics
Sharif University of Technology, Tehran, Iran (2010)
- M.S. in Electrical Engineering – Electronics
Sharif University of Technology, Tehran, Iran (2003)
- B.S. in Electrical Engineering
Sharif University of Technology, Tehran, Iran (2001)

➤ **Research Areas**

- Analog Integrated Circuits
- RF and Microwave Integrated Circuits
- Communication Transceivers
- Biomedical Circuits and Systems

➤ **Research Experiences**

- Design and Implementation of a Duplex Transceiver for Neural Implants, Supported by Iran Cognitive Sciences and Technologies Council, 2019.
- Design and Implementation of an Impulse Radio Receiver for Short-range Radar Systems, Supported by Iran National Elites Foundation, 2017.
- Design and Implementation of a Receiver for Digital Video Broadcasting, Supported by the Islamic Republic of Iran Broadcasting (IRIB), 2011.
- Design and Implementation of a 12-bit Digital to Analog Converter in 65 nm CMOS, United Microelectronics Corporation (UMC), Hsinchu Science Park, Taiwan, 2008.
- Design and Implementation of a WPAN IEEE 802.15.4 Transceiver, Supported by Microelectronics Research and Development Center of Iran, 2006.

➤ **Teaching Experiences**

- Integrated Circuits for Optical Communications, Microwave Integrated Circuits, RF Integrated Circuits, VLSI Design, Analog Integrated Circuits, Data Converters.

➤ **Honors**

- Ranked 3rd in the 24th Khwarizmi International Award, Iran, 2011.
- Ranked 1st in the M.S. Program of the EE Department, Electronics Group, Sharif University of Technology, 2003.
- B.S. National Entrance Exam Rank: 58